02590
0801

#4

ENTERED   OIPE

RAW SEQUENCE LISTING   DATE: 03/27/2002
PATENT APPLICATION: US/09/836,911A   TIME: 14:35:31

Input Set : **A:\402iseq.002**
Output Set: **N:\CRF3\03272002\I836911A.raw**

SEQUENCE LISTING
```
  4 (1) GENERAL INFORMATION:
  6      (i) APPLICANT: Hadlaczky, Gyula
  7                     Szalay, Aladar
  9     (ii) TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF
 10                             AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES
 12    (iii) NUMBER OF SEQUENCES: 34
 14     (iv) CORRESPONDENCE ADDRESS:
 15          (A) ADDRESSEE: Heller Ehrman White & McAuliffe
 16          (B) STREET: 4350 La Jolla Village Drive, 6th Floor
 17          (C) CITY: San Diego
 18          (D) STATE: CA
 19          (E) COUNTRY: USA
 20          (F) ZIP: 92122
 22      (v) COMPUTER READABLE FORM:
 23          (A) MEDIUM TYPE: Diskette
 24          (B) COMPUTER: IBM Compatible
 25          (C) OPERATING SYSTEM: DOS
 26          (D) SOFTWARE: FastSEQ Version 1.5
 28     (vi) CURRENT APPLICATION DATA:
```
C--> 29   **(A) APPLICATION NUMBER: US/09/836,911A**
C--> 30   **(B) FILING DATE: 17-Apr-2002**
```
 31          (C) CLASSIFICATION:
 33    (vii) PRIOR APPLICATION DATA:
 34          (A) APPLICATION NUMBER: 08/835,682
 35          (B) FILING DATE: 10-APR-1997
 36          (A) APPLICATION NUMBER: 08/695,191
 37          (B) FILING DATE: 07-AUG-1996
 38          (A) APPLICATION NUMBER: 08/682,080
 39          (B) FILING DATE: 15-JUL-1996
 40          (A) APPLICATION NUMBER: 08/629,822
 41          (B) FILING DATE: 10-APR-1996
 43   (viii) ATTORNEY/AGENT INFORMATION:
 44          (A) NAME: Seidman, Stephanie L
 45          (B) REGISTRATION NUMBER: 33,779
 46          (C) REFERENCE/DOCKET NUMBER: 24601-402I
 49     (ix) TELECOMMUNICATION INFORMATION:
 50          (A) TELEPHONE: 858-450-8403
 51          (B) TELEFAX: 858-587-5360
 52          (C) TELEX:
 54 (2) INFORMATION FOR SEQ ID NO: 1:
 56      (i) SEQUENCE CHARACTERISTICS:
 57          (A) LENGTH: 1293 base pairs
```

RAW SEQUENCE LISTING   DATE: 03/27/2002
PATENT APPLICATION: US/09/836,911A   TIME: 14:35:31

Input Set : **A:\402iseq.002**
Output Set: **N:\CRF3\03272002\I836911A.raw**

```
        58              (B) TYPE: nucleic acid
        59              (C) STRANDEDNESS: single
        60              (D) TOPOLOGY: linear
        62      (ii) MOLECULE TYPE: Genomic DNA
        63     (iii) HYPOTHETICAL: NO
        64      (iv) ANTI-SENSE: NO
W--> 65          (v) FRAGMENT TYPE:
        66      (vi) ORIGINAL SOURCE:
        67      (ix) FEATURE:
        69      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
        71 GAATTCATCA TTTTTCANGT CCTCAAGTGG ATGTTTCTCA TTTNCCATGA TTTTAAGTTT      60
        72 TCTCGCCATA TTCCTGGTCC TACAGTGTGC ATTTCTCCAT TTTNCACGTT TTNCAGTGAT     120
        73 TTCGTCATTT TCAAGTCCTC AAGTGGATGT TTCTCATTTN CCATGAATTT CAGTTTTCTN     180
        74 GCCATATTCC ACGTCCTACA GNGGACATTT CTAAATTTNC CACCTTTTTC AGTTTTCCTC     240
        75 GCCATATTTC ACGTCCTAAA ATGTGTATTT CTCGTTTNCC GTGATTTTCA GTTTTCTCGC     300
        76 CAGATTCCAG GTCCTATAAT GTGCATTTCT CATTTNNCAC GTTTTTCAGT GATTTCGTCA      360
        77 TTTTTTCAAG TCGGCAAGTG GATGTTTCTC ATTTNCCATG ATTTNCAGTT TTCTTGNAAT     420
        78 ATTCCATGTC CTACAATGAT CATTTTTAAT TTTCCACCTT TTCATTTTTC CACGCCATAT     480
        79 TTCATGTCCT AAAGTGTATA TTTCTCCTTT TCCGCGATTT TCAGTTTTCT CGCCATATTC     540
        80 CAGGTCCTAC AGTGTGCATT CCTCATTTTT CACCTTTTTC ACTGATTTCG TCATTTTTCA     600
        81 AGTCGTCAAC TGGATCTTTC TAATTTTCCA TGATTTTCAG TTATCTTGTC ATATTCCATG     660
        82 TCCTACAGTG GACATTCTA AATTTTCCAA CTTTTTCAAT TTTTCTCGAC ATATTTGACG      720
        83 TGCTAAAGTG TGTATTTCTT ATTTTCCGTG ATTTTCAGTT TTCTCGCCAT ATTCCAGGTC     780
        84 CTAATAGTGT GCATTCTCA TTTTTCACGT TTTTCAGTGA TTTCGTCATT TTTTCCAGTT     840
        85 GTCAAGGGGA TGTTTCTCAT TTTCCATGAG TGTCAGTTTT CTTGCTATAT CCATGTCCT     900
        86 ACAGTGACAT TTCTAAATAT TATACCTTTT TCAGTTTTTC TCACCATATT TCACGTCCTA     960
        87 AAGTATATAT TTCTCATTTT CCCTGATTTT CAGTTTCCTT GCCATATTCC AGGTCCTACA    1020
        88 GTGTGCATTT CTCATTTTTC ACGTTTTTCA GTAATTTCTT CATTTTTTAA GCCCTCAAAT    1080
        89 GGATGTTTCT CATTTTCCAT GATTTTCAGT TTTCTTGCCA TATACCATGT CCTACAGTGG    1140
        90 ACATTTCTAA ATTATCCACC TTTTTCAGTT TTTCATCGGC ACATTTCACG TCCTAAAGTG    1200
        91 TGTATTTCTA ATTTTCAGTG ATTTTCAGTT TTCTCGCCAT ATTCCAGGAC CTACAGTGTG    1260
        92 CATTTCTCAT TTTTCACGTT TTTCAGTGAA TTC                                 1293
        94 (2) INFORMATION FOR SEQ ID NO: 2:
        96       (i) SEQUENCE CHARACTERISTICS:
        97              (A) LENGTH: 1044 base pairs
        98              (B) TYPE: nucleic acid
        99              (C) STRANDEDNESS: single
       100              (D) TOPOLOGY: linear
       102      (ii) MOLECULE TYPE: Genomic DNA
       103     (iii) HYPOTHETICAL: NO
       104      (iv) ANTI-SENSE: NO
W--> 105         (v) FRAGMENT TYPE:
       106      (vi) ORIGINAL SOURCE:
       107      (ix) FEATURE:
       109      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
       111 AGGCCTATGG TGAAAAAGGA AATATCTTCC CCTGAAAACT AGACAGAAGG ATTCTCAGAA     60
       112 TCTTATTTGT GATGTGCGCC CCTCAACTAA CAGTGTTGAA GCTTTCTTTT GATAGAGCAG    120
       113 TTTTGAAACA CTCTTTTTGT AAAATCTGCA AGAGGATATT TGGATAGCTT TGAGGATTTC    180
       114 CGTTGGAAAC GGGATTGTCT TCATATAAAC CCTAGACAGA AGCATTCTCA GAAGCTTCAT    240
```

RAW SEQUENCE LISTING   DATE: 03/27/2002
PATENT APPLICATION: US/09/836,911A   TIME: 14:35:31

Input Set : A:\402iseq.002
Output Set: N:\CRF3\03272002\I836911A.raw

```
115  TGGGATGTTT CAGTTGAAGT CACAGTGTTG AACAGTCCCC TTTCATAGAG CAGGTTTGAA    300
116  ACACTCTTTT TTGTAGTATC TGGAAGTGGA CATTTGGAGC GATCTCAGGA CTGCGGTGAA    360
117  AAAGGAAATA TCTTCCAATA AAAGCTAGAT AGAGGCAATG TCAGAAACCT TTTTCATGAT    420
118  GTATCTACTC AGCTAACAGA GTTGAACCTT CCTTTGAGAG AGCAGTTTTG AAACACTCTT    480
119  TTTGTGGAAT CTGCAAGTGG ATATTTGTCT AGCTTTGAGG ATTTCGTTGG GAAACGGGAT    540
120  TACATATAAA AAGCAGACAG CAGCCATTCCC AGAAACTTCT TTGTGATGTT TGCATTCAAG    600
121  TCACAGAGTT GAACATTCCC TTTCATAGAG CAGGTTTGAA ACACACTTTT TGATGTATCT    660
122  GGATGTGGAC ATTTGCAGCG CTTTCAGGCC TAAGGTGAAA AGGAAATATC TTCCCCTGAA    720
123  AACTAGACAG AAGCATTCTC AGAAACTTAT TTGTGATGTG CGCCCTCAAC TAACAGTGTT    780
124  GAAGCTTTCT TTTGATAGAG GCAGTTTTGA AACACTCTTT TGTGGAATCT GCAAGTGGAT    840
125  ATTTGTCTAG CTTTGAGGAT TTCTTTGGAA ACGGGATTAC ATATAAAAAG CAGACAGCAG    900
126  CATTCCCAGA ATCTTGTTTG TGATGTTTGC ATTCAAGTCA CAGAGTTGAA CATTCCCTTT    960
127  CAGAGAGCAG GTTTGAACAC TCTTTTTATA GTATCTGGAT GTGGACATTT GGAGCGCTTT   1020
128  CAGGGGGGAT CCTCTAGAAT TCCT                                          1044
132  (2) INFORMATION FOR SEQ ID NO: 3:
134       (i) SEQUENCE CHARACTERISTICS:
135           (A) LENGTH: 2492 base pairs
136           (B) TYPE: nucleic acid
137           (C) STRANDEDNESS: single
138           (D) TOPOLOGY: linear
140      (ii) MOLECULE TYPE: Genomic DNA
141     (iii) HYPOTHETICAL: NO
142      (iv) ANTI-SENSE: NO
```
W--> 143   (v) **FRAGMENT TYPE:**
```
144       (vi) ORIGINAL SOURCE:
145       (ix) FEATURE:
147       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
149  CTGCAGCTGG GGGTCTCCAA TCAGGCAGGG GCCCCTTACT ACTCAGATGG GGTGGCCGAG     60
150  TAGGGGAAGG GGGTGCAGGC TGCATGAGTG GACACAGCTG TAGGACTACC TGGGGGCTGT    120
151  GGATCTATGG GGGTGGGGAG AAGCCCAGTG ACAGTGCCTA GAAGAGACAA GGTGGCCTGA    180
152  GAGGGTCTGA GGAACATAGA GCTGGCCATG TTGGGGCCAG GTCTCAAGCA GGAAGTGAGG    240
153  AATGGGACAG GCTTGAGGAT ACTCTACTCA GTAGCCAGGA TAGCAAGGAG GGCTTGGGGT    300
154  TGCTATCCTG GGGTTCAACC CCCCAGGTTG AAGGCCCTGG GGGAGATGGT CCCAGGACAT    360
155  ATTACAATGG ACACAGGAGG TTGGGACACC TGGAGTCACC AAACAAAACC ATGCCAAGAG    420
156  AGACCATGAG TAGGGGTGTC CAGTCCAGCC CTCTGACTGA GCTGCATTGT TCAAATCCAA    480
157  AGGGCCCCTG CTGCCACCTA GTGGCTGATG GCATCCACAT GACCCTGGGC CACACGCGTT    540
158  TAGGGTCTCT GTGAAGACCA AGATCCTTGT TACATTGAAC GACTCCTAAA TGAGCAGAGA    600
159  TTTCCACCTA TTCGAAACAA TCACATAAAA TCCATCCTGG AAAAAGCCTG GGGGATGGCA    660
160  CTAAGGCTAG GGATAGGGTG GGATGAAGAT TATAGTTACA GTAAGGGGTT TAGGGTTAGG    720
161  GATCAACGTT GGTTAGGAGT TAGGGATACA GTAGGGTACC GGTAGGGTTA GGGGTTAGGG    780
162  TTAGGGGTTA GGGTTAGGGT TAGGGTTAGG GTTAGGGTTA GGGGTTAGGG GTTAGGGTTA    840
163  GGGTTAGGTT TTGGGGTGGC GTATTTGGT CTTATACGCT GTGTTCCACT GGCAATGAAA    900
164  AGAGTTCTTG TTTTTCCTTC AGCAATTTGT CATTTTTAAA AGAGTTTAGC AATTCTAACA    960
165  GATATAGACC AGCTGTGCTA TCTCATTGTG GTTTTCAATT GTAACCACAT TGTGGTTTCA   1020
166  ATGTGTTTAC TTGCCATCTG TAGATCTTCT TTGCGTGAGG TGTCTGTTCA GATGTGTGTG   1080
167  CATTTCTTGN NTTTNGGCTG TTTAACTTAT TGTTTAGTTT AATAATTTTT TTATATATTT   1140
168  GAAGACAAAT CTTTCTCAGA TGTGTATTTG CAAATATTTC TTCAATATGA GGCTTGCTTT   1200
169  TGTCTCTAAC AAGGTCTCTT CAGAGATAAC TTAAATATAA GAAATCCACA CTGTCACTTC   1260
170  TTTTGTGTAT ATCTACCTTT TGTGTCATTT GTTAAAATTC ATTACCAAAC CCAAAGGCAG   1320
```

RAW SEQUENCE LISTING   DATE: 03/27/2002
PATENT APPLICATION: US/09/836,911A   TIME: 14:35:31

Input Set : **A:\402iseq.002**
Output Set: **N:\CRF3\03272002\I836911A.raw**

```
171  ATAGCTTTTC TTCTATTGTT TCTTCTAGAA ATTTGTATAG TTTTGCATTT TTAGTGTAAG  1380
172  GATGATTTTG AGTGATTATT TGTGTAAGTT GTAAAGTTTT CGTCTATATC CATATCATTT  1440
173  CTTATGGTTT CCAATTAATC GTTCCCTCAC TATTTTTGGG AAAGACACAG GATAGTGGGC  1500
174  TTTGTTAGAG TAGATAGGTA GCTAGACATG AACAGGAGGG GGCCTCCTGG AAAAGGGAAA  1560
175  GTCTGGGAAG GCTCACCTGG AGGACCACCA AAAATTCACA TATTAGTAGC ATCTCTAGTG  1620
176  CTGGAGTGGA TGGGCACTTG TCAATTGTGG GTAGGAGGGA AAAGAGGTCC TATGCAGAAA  1680
177  GAAACTCCCT AGAACTCCTC TGAAGATGCC CCAATCATTC ACTCTGCAAT AAAAATGTCA  1740
178  GAATATTGCT AGCTACATGC TGATAAGGNN AAAGGGGACA TTCTTAAGTG AAACCTGGCA  1800
179  CCATAAGTAC AGATTAGGGC AGAGAAGGAC ATTCAAAAGA GGCAGGCGCA GTAGGTACAA  1860
180  ACGTGATCGC TGTCAGTGTG CCTGGGATGG CGGGAAGGAG GCTGGTGCCA GAGTGGATTC  1920
181  GTATTGATCA CCACACATAT ACCTCAACCA ACAGTGAGGA GGTCCCACAA GCCTAAGTGG  1980
182  GGCAAGTTGG GGAGCTAAGG CAGTAGCAGG AAAACCAGAC AAAGAAAACA GGTGGAGACT  2040
183  TGAGACAGAG GCAGGAATGT GAAGAAATCC AAAATAAAAT TCCCTGCACA GGACTCTTAG  2100
184  GCTGTTTAAT GCATCGCTCA GTCCCACTCC TCCCTATTTT TCTACAATAA ACTCTTTACA  2160
185  CTGTGTTTCT TTTCAATGAA GTTATCTGCC ATCTTTGTAT TGCCTCTTGG TGAAAATGTT  2220
186  TCTTCCAAGT TAAACAAGAA CTGGGACATC AGCTCTCCCC AGTAATAGCT CCGTTTCAGT  2280
187  TTGAATTTAC AGAACTGATG GGCTTAATAA CTGGCGCTCT GACTTTAGTG GTGCAGGAGG  2340
188  CCGTCACACC GGGACCAAGA GTGCCCTGCC TAGTCCCCAT CTGCCCGCAG GTGGCGGCTG  2400
189  CCTCGACACT GACAGCAATA GGGTCCGGCA GTGTCCCCAG CTGCCAGCAG GGGGCGTACG  2460
190  ACGACTACAC TGTGAGCAAG AGGGCCCTGC AG                                 2492
192  (2) INFORMATION FOR SEQ ID NO: 4:
194      (i) SEQUENCE CHARACTERISTICS:
195          (A) LENGTH: 28 base pairs
196          (B) TYPE: nucleic acid
197          (C) STRANDEDNESS: single
198          (D) TOPOLOGY: linear
200     (ii) MOLECULE TYPE: Genomic DNA
201    (iii) HYPOTHETICAL: NO
202     (iv) ANTI-SENSE: NO
```
W--> **203**   **(v) FRAGMENT TYPE:**
```
204      (vi) ORIGINAL SOURCE:
205      (ix) FEATURE:
207      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
209  GGGGAATTCA TTGGGATGTT TCAGTTGA                                        28
211  (2) INFORMATION FOR SEQ ID NO: 5:
213      (i) SEQUENCE CHARACTERISTICS:
214          (A) LENGTH: 29 base pairs
215          (B) TYPE: nucleic acid
216          (C) STRANDEDNESS: single
217          (D) TOPOLOGY: linear
```
W--> **219**   **(ii) MOLECULE TYPE: DNA**
```
220    (iii) HYPOTHETICAL: NO
221     (iv) ANTI-SENSE: NO
```
W--> **222**   **(v) FRAGMENT TYPE:**
```
223     (vi) ORIGINAL SOURCE:
224     (ix) FEATURE:
226     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
228  CGAAAGTCCC CCCTAGGAGA TCTTAAGGA                                       29
230  (2) INFORMATION FOR SEQ ID NO: 6:
```

RAW SEQUENCE LISTING   DATE: 03/27/2002
PATENT APPLICATION: US/09/836,911A   TIME: 14:35:31

Input Set : A:\402iseq.002
Output Set: N:\CRF3\03272002\I836911A.raw

```
      232        (i) SEQUENCE CHARACTERISTICS:
      233            (A) LENGTH: 47 base pairs
      234            (B) TYPE: nucleic acid
      235            (C) STRANDEDNESS: single
      236            (D) TOPOLOGY: linear
W--> 238       (ii) MOLECULE TYPE: Gemonic DNA
      239      (iii) HYPOTHETICAL: NO
      240       (iv) ANTI-SENSE: NO
W--> 241        (v) FRAGMENT TYPE:
      242       (vi) ORIGINAL SOURCE:
      243       (ix) FEATURE:
      245       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
      247 CCGCTTAATA CTCTGATGAG TCCGTGAGGA CGAAACGCTC TCGCACC                47
      251 (2) INFORMATION FOR SEQ ID NO: 7:
      253        (i) SEQUENCE CHARACTERISTICS:
      254            (A) LENGTH: 25 base pairs
      255            (B) TYPE: nucleic acid
      256            (C) STRANDEDNESS: single
      257            (D) TOPOLOGY: linear
      259       (ii) MOLECULE TYPE: Genomic DNA
      260      (iii) HYPOTHETICAL: NO
      261       (iv) ANTI-SENSE: NO
W--> 262        (v) FRAGMENT TYPE:
      263       (vi) ORIGINAL SOURCE:
      264       (ix) FEATURE:
      266       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
      268 CGATTTAAAT TAATTAAGCC CGGGC                                       25
      271 (2) INFORMATION FOR SEQ ID NO: 8:
      273        (i) SEQUENCE CHARACTERISTICS:
      274            (A) LENGTH: 27 base pairs
      275            (B) TYPE: nucleic acid
      276            (C) STRANDEDNESS: single
      277            (D) TOPOLOGY: linear
      279       (ii) MOLECULE TYPE: Genomic DNA
      280      (iii) HYPOTHETICAL: NO
      281       (iv) ANTI-SENSE: NO
W--> 282        (v) FRAGMENT TYPE:
      283       (vi) ORIGINAL SOURCE:
      284       (ix) FEATURE:
      286       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
      288 TAAATTTAAT TAATTCGGGC CCGTCGA                                     27
      290 (2) INFORMATION FOR SEQ ID NO: 9:
      292        (i) SEQUENCE CHARACTERISTICS:
      293            (A) LENGTH: 69 base pairs
      294            (B) TYPE: nucleic acid
      295            (C) STRANDEDNESS: single
      296            (D) TOPOLOGY: linear
      298       (ii) MOLECULE TYPE: Genomic DNA
      301       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
```

VERIFICATION SUMMARY   DATE: 03/27/2002
PATENT APPLICATION: **US/09/836,911A**   TIME: 14:35:32

Input Set : **A:\402iseq.002**
Output Set: **N:\CRF3\03272002\I836911A.raw**

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:69 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1
L:65 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=1
L:109 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=2
L:105 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=2
L:147 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=3
L:143 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=3
L:207 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=4
L:203 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=4
L:226 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=5
L:219 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
L:222 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=5
L:245 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=6
L:238 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:241 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=6
L:266 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=7
L:262 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=7
L:286 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=8
L:282 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=8
L:299 M:220 C: Keyword misspelled or invalid format, [(D) OTHER INFORMATION:]
L:299 M:220 C: Keyword misspelled or invalid format, Poss data loss, Seq 9, (D) OTHER
INFORMATION:
L:331 M:220 C: Keyword misspelled or invalid format, [(H) DOCUMENT NUMBER:]
L:430 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=11
L:426 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=11
L:449 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=12
L:445 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=12
L:464 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=13
L:505 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=14
L:546 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=15
L:586 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=16
L:972 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=17
L:1706 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=18
L:1727 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=19
L:1757 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=20
L:1782 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=21
L:1806 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=22
L:1830 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=23
L:1859 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=24
L:1889 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=25
L:1907 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=26
L:1925 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=27
L:1943 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=28
L:1961 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=29
L:1980 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=30
L:1998 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=31
L:2016 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=32
L:2034 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=33

VERIFICATION SUMMARY   DATE: 03/27/2002
PATENT APPLICATION: **US/09/836,911A**   TIME: 14:35:32

Input Set : **A:\402iseq.002**
Output Set: **N:\CRF3\03272002\I836911A.raw**

L:2052 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=34